

AMENDMENTS TO THE CLAIMS

1-20. (canceled)

21. (currently amended) A computer implemented method comprising:

applying a sample to an input of a separation pathway;

generating a migratory field in the separation pathway;

eluting an analyte of the sample from the separation pathway;

collecting the analyte in a collection well without using a detector to analyze the analyte prior to collection;

interrupting the migratory field after collecting commences; and

repeating the collecting and the interrupting, at a predetermined time interval, for a successive analyte ~~analyte~~ and a successive collection well.

22. (original) The method of claim 21 wherein repeating the collecting and interrupting, at the predetermined time interval includes repeating the collecting and interrupting, at substantially uniformly spaced time intervals.

23. (currently amended) The method of claim 21 ~~further comprising synchronizing wherein the collecting and interrupting is synchronized~~ with the mobility of the analyte ~~analyte~~.

24. (currently amended) The method of claim 21 further comprising analyzing said analyte after the analyte has been collected in respective collection wells ~~the analyte prior to collecting~~.

25. (currently amended) The method of claim 21 wherein ~~injecting~~ applying the sample includes injecting a biological sample.
26. (currently amended) The method of claim 21 wherein ~~injecting~~ applying a sample includes injecting a mixture of proteins, macromolecules, nucleotides, carbohydrates, enantiomers, small molecule libraries or natural compounds.
27. (original) The method of claim 21 wherein creating a migratory field includes applying a potential to the separation pathway.
28. (original) The method of claim 21 wherein creating a migratory field includes applying a pressure to the separation pathway.
29. (original) The method of claim 21 wherein creating a migratory field includes drawing a vacuum in the separation pathway.
30. (original) The method of claim 21 wherein collecting includes positioning the separation pathway relative to the collection well.
31. (original) The method of claim 21 wherein repeatedly interrupting the migratory field includes adjusting a potential within the separation pathway.
32. (currently amended) The method of claim 21 ~~further comprising establishing wherein the predetermined time interval as a function of~~ is established based on a composition of the separation pathway.
- 33-44. (canceled)